

**AMENDMENTS TO THE CLAIMS**

Upon entry of this amendment, the following listing of claims will replace all prior versions and listings of claims in the pending application.

**IN THE CLAIMS**

Please amend claims 1, 4-11, 15-16, 91, 22-29, 31-32, 34-35, 38-45, 49, 51 and 52, and add new claim 53 as follows:

1. (currently amended) A method for generating a report comprising:

defining a set of reporting components that can be assembled to form a report template, the reporting components being configurable to define one or more operations to perform within a technical computing environment, at least one of the reporting components configured to define an operation to bi-directionally communicate with a simulation of a model during an execution of the simulation; and  
generating a report from processing the reporting components of the report template to initiate the reporting components to perform the one or more operations configured by the reporting components. ~~within a technical computing environment, said computing environment defining at least one simulation model; and~~

~~generating a report as a function of the processed reporting components. , said reporting components bi-directionally communicating with the computing environment, said bi-directional communication being possible during the simulation of said simulation model.~~

2. (original) The method of claim 1, wherein defining the set of reporting components includes defining flow control components that control an order for processing the reporting components.

3. (canceled)

4. (currently amended) The method of claim 1, wherein processing the reporting components includes initiating one of the reporting components configured to perform the operation of issuing instructions to the computing environment to modify one of an operational parameters or and an initial conditions of the simulation of the model.